

LOUIS STOKES VA MEDICAL CENTER, CLEVELAND																								
STEAM TRAP MONITORING SYSTEM, INSULATION AND PIPING UPGRADES																								
STEAM TRAP ID NO.	LOCATION	TRAP DRAWING REFERENCE NO.	AREA	TRAP TYPE	ELEV. AFF.	TRAP MODEL, MFG. & PIPE SIZE	P IN	EQUIPMENT SERVED	COND	REMARKS	NO WORK REQUIRED	① TRAP MONITOR	② TRAP REPLACE	③ REMOVE PIPING	④ REPAIR STEAM/ CONDENSATE LEAK	⑤ COLD STEAM/ CONDENSATE DEFICIT ALT NO. 1	⑥ REDUCE STEAM/ CONDENSATE DEFICIT ALT NO. 2	⑦ SERVICE TO/ FROM COOLD BREAKERS	⑧ STRAINER	⑨ REPIPE ELLEVATED CONDENSATE PIPE	⑩ RELOCATE TRAP AND INSULATION	⑪ REMOVABLE INSULATION JACKETS	⑫ HARD PIPE INSULATION	⑬ MSC.
286	MECH. ROOM #D-20 AC-3 PRE-HEAT STEAM COIL	3-6-1	1	F	1	1 1/4" SPRKX FT-15	15M	STEAM COIL	OK	STEAM TRAP OK. WHEN WORK, REPAIR WITH TUNSTALL JEPF-SA-15 FACE PLATE REPAIR KIT. EXISTING VACUUM BREAKER TIED INTO CONDENSATE LINE. INSTALL TUNSTALL 3/4" STEAM SERVICE VACUUM BREAKER OPEN TO ATMOSPHERE. INSPECTED 7/26/12.														
287	MECH. ROOM #D-20 AC-3 DRIP TRAP	3-6-1	1	B	1	3/4" SPRKX B1H-125	15M	STEAM MAIN DRIP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/26/12.		X												
288	MECH. ROOM #D-20 AC-12 STEAM COIL	3-6-1	1	F	5	1 1/4" SPRKX FT-15	15M	STEAM COIL	OK	STEAM TRAP IS OK, BUT SHOWS SOME WEAR. WHEN WORK, REPAIR WITH TUNSTALL JEPF-SA-15 FACE PLATE REPAIR KIT. REMOVE HOFFMAN #99 WATER AIR VENT. INSPECTED 7/26/12.														
289	MECH. ROOM #D-20 AC-2 STEAM SUPPLY DRIP	3-6-1	1	B	5	3/4" SPRKX B1H-125	15	STEAM MAIN DRIP	BT	REPAIR DEFECTIVE (NEW TRAP) WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/26/12.			X											
290	MECH. ROOM #D-20 AC-2 STEAM COIL	3-6-1	1	F	1	1 1/2" ARNSTRONG J-566	15M	STEAM COIL	OK	REMOVED DISCONNECTED FOR NEW CONSTRUCTION. INSPECTED 7/26/12.														
294	MECH. RM. D-20 NEW CHILLED WATER CORRIDOR E.O.M.	3-6-1	1	F	12	3/4" NICHOLSON TTN-80	25	STEAM MAIN DRIP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR WITH TUNSTALL JEPF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/26/12.		X												
297	MECH. RM. D-20 DRIP TRAP	3-6-1	1	F	2	3/4" SPRKX FT-30	25	DRIP TRAP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR WITH TUNSTALL JEPF-SA-30 FACE PLATE REPAIR KIT. ELEVATED CONDENSATE 2 FT. OF 3/4" BARE 2" P-303 STEAM PIPE BY 2" PASS LINE SHOULD BE INSULATED FOR SAFETY. INSPECTED 7/26/12.				X									X	
303	MECH. RM. BE-280 HVAC-32 AC-4 HUMIDIFIER DRIP (INSIDE UNIT)	3-6-3	3	F	1	1" B&L 40215-4	15	HUMIDIFIER DRIP	CO	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/26/12.				X										
304	MECH. RM. BE-280 HVAC-32 AC-4 HUMIDIFIER DRIP (INSIDE UNIT)	3-6-3	3	F	1	1" B&L 40215-4	10	HUMIDIFIER DRIP	CO	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/26/12.				X										
306	MECH. RM. BE-280 PUMPING TRAP AC-35 STEAM COIL	3-6-3	3	P	1	1" SPRKX PPGC	10	PUMPING TRAP	OK	PLUMBING TRAP OK. WHEN WORK, REPAIR PLUMBING TRAP WITH SPRKX 1 X 1 REPAIR KIT - HAS HOFFMAN 75 AIR VENT. LEAKING. REMOVE AIR VENT. AC-35 STEAM COIL HAS STEAM SERVICE VACUUM BREAKER AT COIL OUTLET. OK. INSPECTED 7/26/12.					X									
308	MECH. RM. D2 PRV DRIP BY DUCT AT WALL ABOVE TRAP #46	3-6-2	2	B	12	3/4" SPRKX B1H-125	20	DRIP TRAP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. INSPECTED 8/9/12.		X												
307	1ST FL. MECH. RM. 107 L.P. DRIP ABOVE PUMPS BY 15F2 AHU	3-1-4	4	B	8	3/4" SPRKX B1H-125	10	DRIP TRAP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/26/12.		X												
309	1ST FL. MECH. RM. 107 HUMIDIFIER MAINFOLD DRIP	3-1-4	4	B	5	3/4" SPRKX B1H-125	10	HUMIDIFIER DRIP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/26/12.			X											
310	1ST FL. MECH. RM. 107 GLYCOL HEAT EXCHANGER T/C#1	3-1-4	4	F	3	2" SPRKX FT-15	10M	HEAT EXCHANGER	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL JEPF-SA-15 STEAM TRAP REPAIR KIT. HAS CONNECTION 1/2" VS-204 AND SWING CHECK IN REVERSE IN SHELL AS VACUUM BREAKER. LEAKS STEAM. REMOVE SWING CHECK VALVE AND INSTALL TUNSTALL VB-1/2 STEAM SERVICE VACUUM BREAKER. INSPECTED 7/26/12.				X									NOTE 1	
311	1ST FL. MECH. RM. 107 GLYCOL HEAT EXCHANGER T/C3, 2C	3-1-4	4	F	4	2" SPRKX FT-15	10M	HEAT EXCHANGER	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL JEPF-SA-15 STEAM TRAP REPAIR KIT. HAS CONNECTION 1/2" VS-204 AND SWING CHECK IN REVERSE IN SHELL AS VACUUM BREAKER. INSTALL TUNSTALL VB-1/2 STEAM SERVICE VACUUM BREAKER. INSPECTED 7/26/12.													NOTE 1	
312	2ND FLOOR 2C-2041 PAN ROOM DRIP ABOVE ENT VENTS	3-2-4	4	D	9	1/2" SPRKX TD-52L	10	STEAM MAIN DRIP	CO	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL JEPF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/26/12.			X			X								
313	RESEARCH PENITHOUSE 3M4A-2 STEAM COIL AC UPPER COIL RE-HEAT BACK SIDE	3-2-6	8	F	4	1 1/2" SPRKX FT-15	14M	STEAM COIL	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL JEPF-SA-15 STEAM TRAP REPAIR KIT. CHECK VALVE IS TIED INTO RETURN. LEAKS STEAM. SHOULD REPLACE WITH TUNSTALL VB-3/4 STEAM SERVICE VACUUM BREAKER. OPEN TO ATMOSPHERE. (AHU MUST BE TURNED OFF TO GET TO THE BACK OF THE UNIT). INSPECTED 7/26/12.		X					X							
314	RESEARCH PENITHOUSE 3M4A-2 STEAM COIL AC UPPER COIL RE-HEAT BACK SIDE	3-2-6	8	F	2	1 1/2" SPRKX FT-15	14M	STEAM COIL	OK	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL JEPF-SA-15 STEAM TRAP REPAIR KIT. CHECK VALVE IS TIED INTO RETURN. LEAKS STEAM. SHOULD REPLACE WITH TUNSTALL VB-3/4 STEAM SERVICE VACUUM BREAKER. OPEN TO ATMOSPHERE. (AHU MUST BE TURNED OFF TO GET TO THE BACK OF THE UNIT). INSPECTED 7/26/12.					X				X					
315	RESEARCH PENITHOUSE 3M4A-1 P. AC-25 END OF TUNSTALL 2C-2041 PAN ROOM AC-15 SUPPLY DRIP	3-2-6	8	B	12	3/4" SPRKX B1H-125	14	DRIP TRAP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL JEPF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/26/12.			X				X							
316	RESEARCH PENITHOUSE AC-35 UNIT HEATER	3-2-6	8	F	12	3/4" SPRKX FT-30	14	UNIT HEATER	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR WITH TUNSTALL JEPF-SA-30 FACE PLATE REPAIR KIT. INSPECTED 7/26/12.														
317	2ND FLOOR 2C-2041 PAN ROOM AC-15 SUPPLY DRIP	3-2-5	5	B	10	3/4" SPRKX B1H-125	10	STEAM MAIN DRIP	CO	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. (MUST COULNT TO GET TO TRAP). INSPECTED 7/26/12.			X			X								
318	2ND FLOOR 2C-2041 AT HALLWAY DOOR BACK OF AC-15	3-2-5	5	D	10	3/4" SPRKX B1H-125	10	STEAM MAIN DRIP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR WITH SPRKX B1H-125 OR 3/4" ARNSTRONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED 7/26/12.											X		NOTE 2	
319	2ND FLOOR RM. 204 AHU-14 PRV STATION L.P. DRIP	3-2-4	4	B	5	3/4" SPRKX B1H-125	10	STEAM MAIN DRIP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. 2 1/2" PRV AND AIR VALVES LEAK STEAM. REPAIR VALVES. HAS COPPER DISCHARGE PIPING. INSPECTED 7/26/12.					X		X							
320	2ND FLOOR RM. 204 AHU-14 STEAM COIL	3-2-4	4	F	2	1" WATSON MCD. FT-35	10M	STEAM COIL	OK	STEAM TRAP IS OK. WHEN WORK, REPLACE WITH NEW 3/4" SPRKX B1H-125 OR 3/4" ARNSTRONG #811-125 INVERTED BUCKET TRAP. INSPECTED 8/1/12.			X											
321	BASEMENT STAIRWELL J.P. EQUIPMENT RM. K-16 L.P. DRIP AT TEST STATION AT WALL	3-6-1	1	B	6	3/4" NICHOLSON 81	10	STEAM MAIN DRIP	OK	STEAM TRAP IS OK. WHEN WORK, REPLACE WITH NEW 3/4" SPRKX B1H-125 OR 3/4" ARNSTRONG #811-125 INVERTED BUCKET TRAP. INSPECTED 8/1/12.				X							X			
321A	1ST FLOOR RM. K-202 BETWEEN K102 & K103 STEAM STERILIZER	3-1-1	1	T	6	1/2" NICHOLSON N-200	50	STERILIZER	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL JEPF-SA-30 FACE PLATE REPAIR KIT. NEW TALS. INSPECTED 8/1/12.					X									
322	BASEMENT K02 CART WASHER HEAT EXCHANGER	3-6-1	1	B	2	3/4" SPRKX B1H-125	70M	HEAT EXCHANGER	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. INSPECTED 8/1/12.		X												
323	BASEMENT K02 EQUIPMENT RM. PRV DRIP	3-6-1	1	B	3	3/4" SPRKX B1H-125	70	STEAM MAIN DRIP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. INSPECTED 8/1/12.			X								X			
324	BASEMENT K02 EQUIPMENT RM. CASTLE M.C. 3533 STERILIZER	3-6-1	1	T	3	1 1/2" WATSON MCD. TT125A	70	STERILIZER	OK	STEAM TRAP IS OK. SHOWS SOME WEAR. WHEN WORK, REPAIR WITH TUNSTALL JEPF-SA-15 FACE PLATE REPAIR KIT. CHECK VALVE IS TIED INTO RETURN. LEAKS STEAM. SHOULD REPLACE WITH TUNSTALL VB-3/4 STEAM SERVICE VACUUM BREAKER. OPEN TO ATMOSPHERE. (AHU MUST BE TURNED OFF TO GET TO THE BACK OF THE UNIT). INSPECTED 7/26/12.														NOTE 2
325	BASEMENT K02 EQUIPMENT RM. CASTLE M.C. 3533 STERILIZER	3-6-1	1	T	3	1 1/2" WATSON MCD. TT125A	70	STERILIZER	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL JEPF-SA-15 FACE PLATE REPAIR KIT. CHECK VALVE IS TIED INTO RETURN. LEAKS STEAM. SHOULD REPLACE WITH TUNSTALL VB-3/4 STEAM SERVICE VACUUM BREAKER. OPEN TO ATMOSPHERE. (AHU MUST BE TURNED OFF TO GET TO THE BACK OF THE UNIT). INSPECTED 7/26/12.														
326	BASEMENT K02 EQUIPMENT RM. CASTLE M.C. 3533 STERILIZER	3-6-1	1	T	2	1 1/2" SPRKX TS25A	70	STERILIZER	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. 6 FT. OF 3/4" BARE TO 3/4" BARE. NEEDS INSULATION. INSPECTED 8/1/12.					X									
327	BASEMENT K02 EQUIPMENT RM. CASTLE M.C. 3533 STERILIZER	3-6-1	1	B	2	1 1/2" SPRKX B1H-125	70M	STERILIZER	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. 6 FT. OF 3/4" BARE TO 7/8" BARE. NEEDS INSULATION. INSPECTED 8/1/12.					X									
328	BASEMENT K-14 CART WASHER HEAT EXCHANGER	3-6-1	1	D	2	3/4" WATSON WD-600	60M	STERILIZER	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR WITH TUNSTALL JEPF-SA-15 FACE PLATE REPAIR KIT. NO VACUUM BREAKER. NEEDS INSULATION. INSPECTED 8/1/12.			X								X			
329	STAIRWELL #5 MAIN PENHOUSE UNIT HEATER BY AC-18	3-6H2	2	F	14	3/4" SPRKX FT-15	10	UNIT HEATER	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/31/12.			X											
330	STAIRWELL #5 MAIN PENHOUSE SUPPLY DRIP	3-6H2	2	B	20	3/4" SPRKX B1H-125	10	STEAM MAIN DRIP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/31/12.			X											
331	STAIRWELL #5 MAIN PENHOUSE #18 STEAM COIL SUPPLY DRIP AC-18S	3-6H2	2	B	20	3/4" SPRKX B1H-125	10	STEAM MAIN DRIP	LK	(NEW TRAP) REPAIR DEFECTIVE STEAM TRAP WITH SPRKX #8004 REPAIR KIT. INSPECTED 7/31/12.				X										
332	STAIRWELL #5 MAIN PENHOUSE #18 STEAM COIL SUPPLY DRIP AC-18S INSIDE AHU	3-6H2	2	B	8	3/4" ARNSTRONG 880	10	STEAM MAIN DRIP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR WITH ARNSTRONG #880 PCA REPAIR KIT. 1/8" ORifice AND BODY GASKET. STEAM TRAP INSTALLED INSIDE AHU FOR EASE OF MAINT. INSPECTED 7/31/12.				X								X		
333	STAIRWELL #5 MAIN PENHOUSE #18 STEAM COIL SUPPLY DRIP AC-18N INSIDE AHU	3-6H2	2	B	8	3/4" ARNSTRONG 880	10	STEAM MAIN DRIP	CO	STEAM TRAP IS OK. WHEN WORK, REPAIR WITH ARNSTRONG #880 PCA REPAIR KIT. 1/8" ORifice AND BODY GASKET. STEAM TRAP INSTALLED INSIDE AC18. SHOULD RELOCATE OUTSIDE UNIT FOR EASE OF MAINT. INSPECTED 7/31/12.			X									X		
334	STAIRWELL #5 MAIN PENHOUSE HUMIDIFIER MAINFOLD DRIP AC-18 INSIDE AHU	3-6H2	2	O	2	3/4" PROPOCIENT TECHNOLOGIES TGG468	10	HUMIDIFIER	CO	STEAM TRAP IS OK. WHEN WORK, REPAIR WITH TUNSTALL JEPF-SA-15 FACE PLATE REPAIR KIT. 1/8" ORifice AND BODY GASKET. STEAM TRAP INSTALLED INSIDE AC17. SHOULD RELOCATE OUTSIDE UNIT FOR EASE OF MAINT. INSPECTED 7/31/12.				X								X		
335	STAIRWELL #5 MAIN PENHOUSE HUMIDIFIER MAINFOLD INSIDE AHU 1" INVERT AHU	3-6H2	2	O	4	3/4" PROPOCIENT TECHNOLOGIES TGG468	0	HUMIDIFIER	CO	STEAM TRAP IS OK. WHEN WORK, REPAIR WITH TUNSTALL JEPF-SA-15 FACE PLATE REPAIR KIT. 1/8" ORifice AND BODY GASKET. STEAM TRAP INSTALLED INSIDE AHU 1" INVERT AHU. INSPECTED 7/31/12.				X								X		

NOTES:

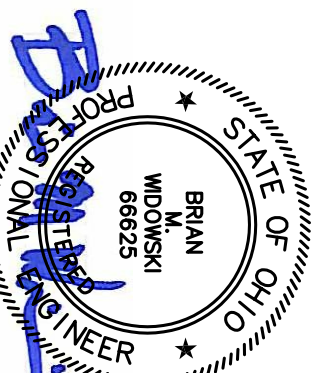
1. CORRECT PIPING AS NOTED IN REMARKS COLUMN.
2. SEE DWG. 4-01 FOR DETAIL OF STEAM SEPARATOR.

COLUMN REFERENCE NOTES:

- [illegible]

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ARCHITECT:

Drawing title
STEAM TRAP AND WORK SCHEDULE
TRAPS 286-335

Project title STEAM TRAP MONITORING INSULATION AND PIPING UPGRADES

Project Number 541-12-115	Building Number 1	Drawing Number
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**Office of
Facilities
Management**